IN THE SPECIFICATION

Please replace the three paragraphs beginning at page 1 line 3 with the following rewritten paragraphs:

--Conventionally, when using ~~method of~~ mold injection ~~processing applied~~ procedures in dies or molds, in order to let the melted plastic material be filled inside the dies and ~~flow~~ be flowed smoothly, and to prevent the melted plastic material from being cooled too early, a first die and a second die have to be pre-heated to a certain temperature before combining the two dies for injection procedures. This can prevent the melted plastic material from being cooled too prematurely and ~~can~~ to allow the melted plastic material to flow smoothly before forming process.

Conventionally, injection-molding uses fixed type heating method inside a first and a second die, high ~~cycle wave~~ frequency heating techniques ~~is~~ may be applied. As shown Fig. 1, which is an invention "Instantly Pre-Heating Mold Structure for Fist and Second Dies" with Publication No. 463718. It uses a first and a second die, ~~while~~ in which the first die ~~having~~ includes a die contact part, a heating system and a cooling system by its side. The second die ~~having~~ includes a die contact part and a filling hole by its side. A first and a second die surfaces are disposed on the heating and cooling system respectively. The first die surface is corresponding to a ceramic or cement epoxy enclosed high ~~cycle wave~~ frequency induction heating coil system, which is ~~a little~~ slightly bigger than a die contact

part groove, and is disposed at the back of the die contact part. Firstly, let the first die surface be pre-heated, then combine the first and the second die surfaces inside the second die, injection forming is completed speedily and will detach from the dies after being cooled down by a piping system of the cooling system inside the second die surface. The first die surface ~~having~~ includes a small area for speedy pre-heating and the second die surface provides a simultaneous cooling effect for injection. Regardless of using either electrical heating or high ~~cycle wave~~ frequency heating method, the heat must be distributed throughout the whole die in order to let the melted plastic material ~~flow~~ be flowed smoothly into the die hole for forming. Therefore, the drawback of this conventional type of pre-heating device disposed inside the dies is that, the time needed for pre-heating is long, especially the time needed for pre-heating the die contact part. Secondly, pre-heating temperature often cannot reach an ideal level in the die contact part, causes the melted plastic material unable to flow smoothly ~~to~~ inside the dies hole for forming and thus ~~increase~~ increases the percentage of defective products. Thirdly, even the melted plastic material can flow smoothly inside the dies, the time needed for cooling is often too long and will affect the cooling effect for forming. Therefore, it is a priority to improve the pre-heating and cooling process effectiveness and to shorten the time.

As shown in Fig. 2, ~~which~~ illustrated is an outer type dies pre-heating device. It mainly comprises a gas burner

head, a fuel pipe, a supportive frame and a regulator valve. The gas burner head is formed on an upper and a lower parts of the dies pre-heating device, concave airing spaces are ~~disposed~~ formed and provided on the upper and the lower parts of the dies pre-heating device. The gas burner head with evenly arranged holes is disposed on the inner ring of the concave airing spaces. The fuel pipe with its one end is screwed on the gas burner head, and another end is connected to a fuel tank to form a circulation body. The supportive frame with its one end is disposed on the middle part of the fuel pipe, and another end is disposed on a forging or injection-forming machine. The regulator valve is connected on an ideal location of the fuel pipe in order to open or close the passage from the fuel tank, and to adjust the fuel volume~~. So~~, so that the temperature can be pre-heated to a desired working temperature from room temperature for the processes of forge-molding and injection-molding of an upper and a lower dies of the forging or injection-molding machine. This conventional type pre-heating device can achieve the pre-heating effectiveness but is only suitable for large-sized forging or injection dies. Besides, it is not suitable for dies of precision parts.--;

Please replace the two paragraphs beginning at page 3 line 15 with the following rewritten paragraphs:

--The present invention ~~of~~ is to provide a device for instantly pre-heating ~~dies can pre-heat~~ the die contact part of dies speedily and properly, while the cooling speed is

also enhanced~~. Thus~~ in order to enhance the effectiveness of injection forming ~~is enhanced~~ and to reduce the defective percentage ~~is reduced~~.

The present invention mainly comprises a first die and a second die, and a high ~~cycle wave~~ frequency inductive heating coil, which is a coil body in spiral shape with its one end fixed on a mechanical arm for pre-set displacement. A die contact part is disposed on the first and the second dies respectively, and inlet holes are disposed inside the die contact parts. During injection-forming process, after the first and the second dies are separated, the high ~~cycle wave~~ frequency inductive heating coil is disposed near and between a first and a second die surfaces. So that the high ~~cycle wave~~ frequency induction heating can ~~take effect~~ act on the die contact parts and can achieve pre-heating purpose. Therefore not only the pre-heating efficiency is enhanced, electricity is saved and at the same time, can ensure the melted plastic material to flow smoothly inside the die contact parts.--;

Please replace the four paragraphs beginning at page 5 line 2 with the following rewritten paragraphs:

--Referring to Figs. 3 and 4, the present invention of a device for instantly pre-heating dies mainly comprises a die (1), which is formed by a ~~separated~~ first die (10) and a second die (20) that are separated from each other, an inductive heating coil (30) is moved and disposed between a die surface (11) and another die surface (21) of the first and the second dies (10, 20) respectively. The inductive

heating coil (30) can induct high ~~cycle wave magnetism~~ frequency electromagnetic field to let a die contact part (40) that is disposed on the die surfaces (11) and (12) be pre-heated to a desired temperature~~. Thus can~~, to enhance the injection forming efficiency and to decrease the defective percentage.

As mentioned above, the die contact part (40) is disposed on the die surfaces (11) and (21) of the first and the second dies (10) and (20) respectively, each die contact part (40) ~~having~~ includes a die hole (41) and a flow passage (42), cooling passages (12) and (24) are ~~disposed~~ formed on the first and the second dies (10) and (20) respectively near the die contact parts (40), an inlet hole (22) is ~~disposed~~ formed inside the second die (20).

The inductive heating coil (30) is a coil body in spiral shape for transmitting high ~~cycle wave induction magnetism~~ frequency electromagnetic field~~. Its~~ and includes one end ~~is~~ fixed on a mechanical arm (50). The first and the second dies (10) and (20) are separated. A plurality of ceramic rings (31) ~~is~~ are disposed on each circle of the spiral-shape inductive heating coil (30), so as to prevent improper contact with the first and the second dies (10) and (20) ~~to conduct electricity~~.

When the first and the second dies (10) and (20) are separated, the inductive heating coil (30) is moved between the die surfaces (11) and (21) by the mechanical arm (50), so that its high ~~cycle wave magnetism~~ frequency electromagnetic field can ~~take effect~~ act directly on the die contact part (40) for ~~being~~ allowing the die contact part (40)

to be instantly pre-heated~~. Thus can~~, and thus to enhance the pre-heating efficiency, and to save electricity and to ensure the melted plastic material ~~can~~ to flow smoothly inside the die contact part (40).--;

Please replace the paragraph beginning at page 6 line 21 with the following rewritten paragraph:

--As shown in Fig. 7, the present invention can not only be applied in dual-board type die, but also ~~can~~ be used in triple-boards die. Besides the first and the second dies (10) and (20), a sub-die (23) is disposed on the second die (20). The inductive heating coil (30) ~~having~~ includes two sets~~, the inductive heating coils (30) are~~ and may be moved by the mechanical arms (50) respectively, so that one inductive heating coil (30) is disposed between the first die (10) and the sub-die (23), while another inductive heating coil (30) is disposed between the second die (20) and the sub-die (23). There is something worth mentioned in this embodiment, a ~~magnetism insulation~~ magnetic shield layer (231) is disposed inside the sub-die (23), in order to prevent ~~magnetism~~ magnetic field inducted by the two inductive heating coils (30) ~~to repel or attract~~ from being attracted toward each other, ~~and causes~~ which may cause the mechanical arms (50) to move improperly.--.